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(54) METHOD FOR MODIFYING SURFACE OF MOLDED FLUORINE-CONTAINING ELASTOMER PRODUCT

(57)Abstract:

PURPOSE: To impart nontackiness and low friction properties to the surface of a molded product, by impregnating the surface of a vulcanized molded product of a fluorine-containing elastomer with a polyhydroxy compound and revulcanizing the resultant product.

CONSTITUTION: The surface of a vulcanized molded product of a fluorine-containing elastomer (having preferably 63W71wt.% fluorine content, 80W500ml/g intrinsic viscosity and ≤ 15 wt.% polymer component content having $\leq 50,000$ mol.wt.) is impregnated with a solution of a polyhydroxy compound (preferably bisphenol AF) in an organic solvent (e.g. acetone) and the resultant product is revulcanized to modify the surface.

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